



PRECIOUS METALS CONSORTIUM
TAP & WCA/BIBRA KICK-OFF MEETING
4TH OF JUNE 2008 (15:00 TO 18:00)

Metals Conference Centre - Zinc room
Rue du Duc 100, 1150 Brussels
BELGIUM

Attendance

Caroline Braibant (European Precious Metals Federation)
Mark Crane (Watts & Crane Associates)
Albania Grosso (Watts & Crane Associates)
Sarah Hottenroth (Umicore)
Jeff Levison (Vale Inco)
Mark Raffray (Johnson Matthey)
Ludwik Ryng (KGHM)
Hege Stubberud (Xstrata Nickel)

Apologies

Dave Boyd (Johnson Matthey)
Peter Grohnert (W.C. Heraeus)

MINUTES OF THE MEETING

1. **Welcome and introduction.** The participants introduced themselves and the Agenda was approved (cf. Annex 1). All attendees agreed to hold the meeting within the limits of confidentiality and EC competition law rules.
2. **Key points and clarifications on received quotation.** WCA/BIBRA's quotation was received on the 29th of February and a series of clarifications were received subsequently on the 23rd and 28th of April. Following the approval of the Management Committee, a confirmation letter was sent to WCA/BIBRA on the 13th of May, consigning the PGMs and the Rhenium projects to the latter CRO.
 - a. **Scope:** WCA/BIBRA was informed on the upcoming refinement of the PGM and the Rhenium indicative lists. In addition to the substances and intermediates which have already been listed and presented to WCA/BIBRA, a series of PGM refinables (non-waste complex intermediates) will soon be added to the scope of the PGMs project. The registration of these complex refinables will in part most probably involve inter-consortia exchanges that are already launched under the umbrella of Eurométaux (next meeting: 1st July 2008). Final and confirmed lists will be made available to WCA/BIBRA by the 15th of July, with indications as to intermediates in scope of Phase I.

Quoted costs: It was clarified by WCA/BIBRA that the costs presented in the quotation do not include the costs involved in time and resources spent by WCA/BIBRA in eventual face-to-face meetings. These costs can be quoted ad hoc if face-to-face meetings are programmed. Moreover, the meaning of "An indicative price is £ 10000 (ten thousand pounds sterling; excl. VAT) per substance/category, with the minimum possible number of categories equalling eight. This estimate is based on one study per tonnage-relevant endpoint per substance/group." was clarified to mean that the estimate is based on an initial assumption that there will not be more than one (self-sufficient) reference study per applicable endpoint to examine and extrapolate information from to the Dossier.

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- b. **Conflict of interest and service exclusivity:** WCA/BIBRA clarified to the attendees that *in the event they would be approached by one or more competitors* of one or more members of the Consortium for a REACH-related work, the Consortium would be informed on such approach (within the limits of confidentiality and Competition Law rules) and priority would be given to the Consortium project. Bearing in mind the OSOR principle (One Substance, One Registration), all involved parties (the Consortium, WCA/BIBRA, and the "competitor") shall however make every possible effort to come to an agreement in order to make the REACH-related work as compliant and cost-effective as possible.

Interaction with other Consultant Research Organisations: WCA/BIBRA requested the approval of the Consortium in order to be able to raise science-based issues with other CROs, where applicable, in order to increase the efficiency across CROs and avoid inconsistent approaches in metals effects assessment. The Consortium agrees with this objective as long as no specifics are shared between CROs on the different REACH-related projects without prior agreement, and both confidentiality and competition law are respected. In the event specific PGM or Re projects-related information needs to be shared with any other CRO with the aim of confirming the proposed approach, the Consortium Trustee shall be first consulted for approval.

3. Project management.

- a. **Timeline:** It was clarified that although most of the PGMs and all Rhenium substances and intermediates in scope stand in the 1-10 tonnes/year tonnage band and are subject to the 2018 Registration deadline, some PGM refinables stand in the 100-1000 tonnes/year tonnage band and should be registered by 2013. Bearing in mind that:
- PGMs (and Rhenium) substances and intermediates will be prepared for Registration as part of groups or categories which will depend on physico-chemical, eco- and -toxicological profile;
 - The Registration Dossier for each substance in the group or category of substances will be done by cloning across relevant and applicable data from one matrix Dossier to the others in order to produce batches of related Dossiers (where read-across, (Q)SAR and other grouping tools apply);
 - Nothing in REACH prevents the Registration to be performed before the actual proposed deadline, as soon as the Dossiers are finalised; and
 - It is in the interest of the Consortium members (and other pre-registrants) to reduce the period of time during which resources should be invested in Consortium and/or SIEF work,

To enable accelerated registration, Phase I of the PGMs and Rhenium projects is planned for commencement on 15th of July 2008, once the indicative lists and the contractual terms and conditions have been confirmed and agreed (cf. item 2 and item 5 for more information).

- b. **Communication:** In order to comply with confidentiality, transparency and Competition Law rules, it was agreed that all communications between WCA/BIBRA and the Consortium should be done between Mark Crane (Project Manager) and Caroline Braibant (Secretariat and Trustee). Once the Scientific Manager of the Consortium is in place, M. Crane will be informed on the tasks, responsibilities and contact information of the new



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recruit in order to be able to address questions of more technical nature to this person. Meantime the Trustee will redirect questions to TAP, or otherwise authorise direct contact to TAP individuals where this is more appropriate. C. Braibant and M. Crane should always be copied (Cc.) on any communications from and to WCA/BIBRA and the Consortium.

- c. Invoicing and payment: A first invoice shall be sent by WCA/BIBRA to the Secretariat of the Consortium once 75% of the Phase work has been finalised and reported back to the Consortium. Invoices shall carry the header presented below (unless otherwise updated by the Secretariat) and shall be quoted and paid in Euros (€). WCA/BIBRA shall use the exchange rate from GBP (£) to Euros (€) applicable on the date on which the invoice is issued to the Consortium.

Comment: My notes differ but are probably inaccurate (!!); I had pencilled in reference to 3 mo. rolling billing

Precious Metals and Rhenium Consortium c/o EPMF, c/o Eurométaux
To the attention of A. Griffiths (Cc. to C. Braibant)
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- d. Progress reporting: WCA/BIBRA agreed to send a one-pager progress report per month to the Secretariat. In the event a progress report indicates a need to meet by teleconference or to hold a face-to-face meeting, this shall be promptly organised by the Secretariat in order to avoid any time delay.
- e. Project forward look - subsequent phases:

Phase II (Test derogation game plan): As regards testing costs (Phase II and III), it was agreed that any test (including so-called "enabling tests" - enabling read-across and grouping) shall be recommended based on cost-efficiency. For instance, in some cases, performing a transformation/dissolution test or a bio-accessibility test can turn out to be more expensive than actually performing the full battery of tests required in Annex VII.

Phase III (Experimental tests): It was clarified that tests on vertebrate animals that are part of Annex VII and VIII information requirements must be performed, unless otherwise existing and available through SIEF data-sharing (in order to avoid duplication), and the results must be included in the Registration Dossier, when applicable. As regards vertebrate animals tests that are part of Annex IX and X information requirements are subject to testing proposals. In the event some of these tests are key to confirm classification and labelling (and subsequent safe handling) of a substance, they can be performed and included in the Registration Dossier.

Phase IV (CSA/CSR): WCA/BIBRA clarified that the collection of data on exposure to PGMs or Rhenium can be done in parallel with Phase II and/or III in order to be able to produce CSR for the relevant substances on time for Registration. Depending on the outcomes of Phase I (and II), the Consortium and WCA/BIBRA will launch the discussions on the best way to gather such exposure data (e.g.: by using a combination of the multi-metallic questionnaire prepared by Eurométaux and any other template or tools being available and comfortable to WCA/BIBRA).



Phase V (Dossier compilation): Based on the current PGMs and Rhenium indicative lists, the following number of Dossiers will need to be compiled (table 1):

Table 1: Potential number of Dossiers to be prepared by WCA/BIBRA as part of the PGMs and Rhenium project.

Project	Tonnage Band/status	Theoretical maximum number of Dossiers*
PGM	Intermediate	30-35
	1-10 tonnes/year (no CSR)	47
	10-100 tonnes/year	13
Rhenium	Intermediate	2-3
	1-10 tonnes/year (no CSR)	6
Total (most do not require CSR)		98-104

* These numbers do not reflect substance categories/groups and dossier cloning techniques (e.g. as might be applicable to intermediates).

4. Technical issues.

- a. Agreement of final substance indicative list. Cf. item 2.a. (Scope).
- b. Enablers for Phase I. In order to start Phase I of the PGMs and the Rhenium projects on the 15th of July, WCA/BIBRA would need to have at hand (table 2):

Table 2: List of enablers for Phase I and related Consortium actions.

Object	Related Consortium actions
The final and confirmed indicative lists for PGMs, Rhenium and their complex intermediates, where applicable.	Organise PGMs and Rhenium WG meetings to confirm and complete indicative lists before the 15 th of July.
Data gathering templates used at Consortium level in order to provide WCA/BIBRA with an indication of the kind of information that is likely to be available.	Send template to WCA/BIBRA.
Most of the information and data on PGMs and Rhenium which is available to the members of the Consortium.	Send <i>ad hoc</i> request for Consortium members to list any data on PGMs and Rhenium available in-house.

- c. Further discussion of Phase I methodology approach. *It was agreed to follow option 3 for the PGMs project and option 1 for the Rhenium project.* Option 2 is a fall-back alternative if Option 3 is found to be flawed as a strategy (with any cost over-run being absorbed by the consultants). The Search Strategy for Phase I will be attached as an Annex to the service contract. The objective of Phase I is to identify the REACH information requirements for which no (reliable) study seem to exist for PGMs and Rhenium substances and intermediates. BIBRA will not be directly involved in this Phase. *The TAP + WCA will meet in September 2008 in order to discuss the progress of Phase I.*
- d. Possible categories (especially PGMs). Substance categories (as more referred to in item 2.a. (Quoted costs), are likely to be based on oxidation states, solubility, presence of typical chemical groups such as amines, etc. The proposed groups could therefore include, for instance: Pt (zero valency), Pt soluble simple salts (other than

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chloroplatinates), Ammine forms, Pt insoluble compounds, Chloroplatinates, and Pt organic ligands (in addition, one or two more sub-division categories related to oxidation state might be used).

- e. **Proprietary data availability.** Consortium members are unlikely to be PGMs data rich but in line with item 4.b., a specific request will be sent to the members in order to gather all data which is available on PGMs. The same will be done for Rhenium, which is likely to be even data-poorer than PGMs.
- f. **Data management.** The studies and information available at Consortium level will be listed in a database so that WCA/BIBRA can include them in the outcome of item 4.c. above.

5. Administrative issues.

- a. **Key contacts.** The names of the project executors shall be indicated in the service contract together with the name of the project manager. Communication shall take place as indicated in item 3.b. above. In the event human resources assigned to the PGMs and Rhenium projects were replaced, the Consortium shall be promptly consulted for approval.
- b. **Confidentiality, insurance and liability.** A specific confidentiality clause shall be included in the contractual terms and conditions of the service contract. In addition, WCA/BIBRA shall be properly insured (insurance details shall appear in service contract as well) so liability can remain with each party respectively in case of problem.
- c. **Data ownership and legitimate access to, and possession of, data.** It is still unclear how "legitimate possession" should be ensured and proved in regard to the data that will be used or referred to by WCA/BIBRA in the reports it produces for the Consortium, and subsequently used or referred to in the Registration Dossiers.

- 6. **Next steps, AOB and conclusion.** All the above clarifications and requests will be included in the contract service to be signed by WCA/BIBRA and the official representative of the Consortium (i.e. Chair of Management Committee or otherwise decided by the latter). All the decisions and action points have been underlined for follow-up and shall be executed and accomplished by the 15th of July 2008.